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| FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE<br>(REV. 2-2005)                        |  | ATTORNEY'S DOCKET NUMBER<br>10/541,003                   |
| TRANSMITTAL LETTER TO THE UNITED STATES<br>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br>CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 |  | APPLICATION NO. (If known, see 37 CFR 1.5)<br>10/541,003 |

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| INTERNATIONAL APPLICATION NO.<br>PCT/NL2003/000946 | INTERNATIONAL FILING DATE<br>30 December 2003 | PRIORITY DATE CLAIMED<br>31 December 2002 |
|--|---|---|

TITLE OF INVENTION  
APPARATUS AND METHOD FOR MANUFACTURING OR WORKING OPTICAL ELEMENTS AND/OR OPTICAL FORMING ELEMENTS, AND SUCH ELEMENT

APPLICANT(S) FOR DO/EO/US  
VAN BRUG, et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☒ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☐ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 23 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. EL 679459295 US
23. ☒ Other items or information:  
Copies of seven (7) references cited in IDS.

EXPRESS MAIL CERTIFICATE

Date: 9/28/05 Label No. 679459295  
I hereby certify that the date indicated above, I deposited this paper or fee with the U.S. Postal Service and that it was addressed for delivery to the Commissioner for Patents, Alexandria, VA 22313-1450 by "EXPRESS MAIL Post Office to Addressee" Service.  
T. Tucci (Print Name) *T. Tucci* (Signature)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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|--|--------------|--|------------|---|-----------------|
| U.S. APPLICATION NO (if known see 37 CFR 1.5)<br><b>10/541,003</b>   |              | INTERNATIONAL APPLICATION<br><b>PCT/NL2003/000946</b>                  |            | ATTORNEY'S DOCKET NUMBER<br><b>294-220 PCT/US</b> |                 |
| The following fees are submitted:  |              |  |            | <b>CALCULATIONS</b>                               | <b>PTO USE</b>  |
| 24. <input type="checkbox"/> Basic national fee .....  |              | <b>\$300</b>   |            | \$  | <b>\$0.00</b>   |
| 25. <input type="checkbox"/> Examination fee<br>If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4). ....   |              | <b>\$100</b>   |            | \$  | <b>\$0.00</b>   |
| All other situations. ....   |              | <b>\$200</b>   |            |   |                 |
| 26. <input type="checkbox"/> Search fee .....  |              | <b>\$100</b>   |            |   |                 |
| Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....  |              | <b>\$400</b>   |            |   |                 |
| International Search Report prepared and provided to the Office .....  |              | <b>\$500</b>   |            | \$  | <b>\$0.00</b>   |
| All other situations. ....   |              | <b>\$500</b>   |            | \$  | <b>\$0.00</b>   |
| <b>TOTAL OF 24, 25 and 26 =</b>  |              |  |            | \$  | <b>\$0.00</b>   |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.   |              |  |            |   |                 |
| Total Sheets   | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole) | RATE       |   |                 |
| - 100 =  | 0            | /50 =  | 0          | x \$250.00  | \$              |
|  |              |  |            | \$  | <b>\$0.00</b>   |
| Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).   |              |  |            | \$  | <b>\$130.00</b> |
| CLAIMS   | NUMBER FILED | NUMBER EXTRA   | RATE       |   |                 |
| Total claims   | - 20 =       | 0  | x \$50.00  | \$  | <b>\$0.00</b>   |
| Independent claims   | - 3 =        | 0  | x \$200.00 | \$  | <b>\$0.00</b>   |
| MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00  |              |  |            | \$  | <b>\$0.00</b>   |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |              |  |            | \$  | <b>\$130.00</b> |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.   |              |  |            | \$  | <b>\$0.00</b>   |
| <b>SUBTOTAL =</b>  |              |  |            | \$  | <b>\$130.00</b> |
| Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).   |              |  |            | \$  | <b>\$0.00</b>   |
| <b>TOTAL NATIONAL FEE =</b>  |              |  |            | \$  | <b>\$130.00</b> |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +  |              |  |            | \$  | <b>\$40.00</b>  |
| <b>TOTAL FEES ENCLOSED =</b>   |              |  |            | \$  | <b>\$170.00</b> |
| <b>130.00 OP</b>   |              |  |            | <b>Amount to be</b>                               | \$              |
|  |              |  |            | <b>Amount to be</b>                               | \$              |
| <p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <b>\$170.00</b> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>08-2461</b>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> |              |  |            |   |                 |
| <p><b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <p><b>Ronald J. Baron, Esq.</b><br/> <b>HOFFMANN &amp; BARON, LLP</b><br/>         6900 Jericho Turnpike<br/>         Syosset, NY 11791<br/>         516-822-3550<br/>         BKD:tt</p>  |              |  |            |   |                 |
|  |              |  |            | SIGNATURE   |                 |
|  |              |  |            | <b>Betsy Kingsbury Dowd</b>                       |                 |
|  |              |  |            | NAME  |                 |
|  |              |  |            | <b>52,830</b>                                     |                 |
|  |              |  |            | REGISTRATION NUMBER                               |                 |

10/04/2005

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